



High Performance Auto Rotary and Linear Position Sensor

KMA3xx

Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

Last Updated: Aug 30, 2024

The KMA320/321/310 family is designed for high performance applications such as throttle/EGR position sensor, turbo charger/clutch/transmission actuator.

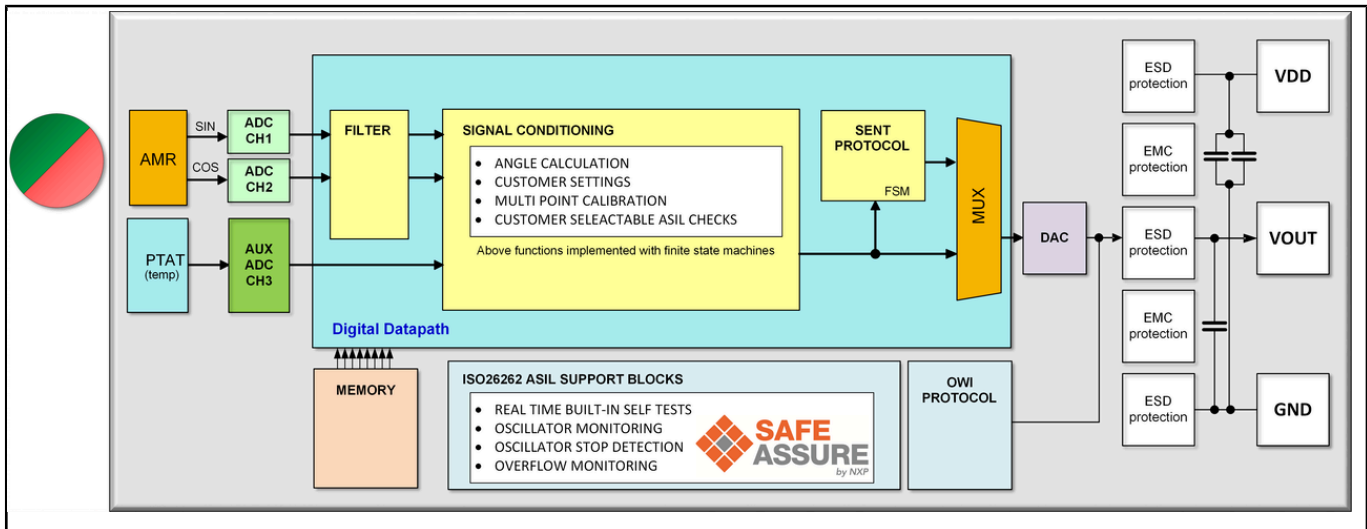
The sensors feature PCB-less design with integrated capacitor. The IC allows user-specific definition of angular range, zero angle position, and clamping voltages.

The settings are stored permanently in a non-volatile memory (NVM). The programmable angle sensor is pre-programmed, pre-calibrated and therefore, ready to use.

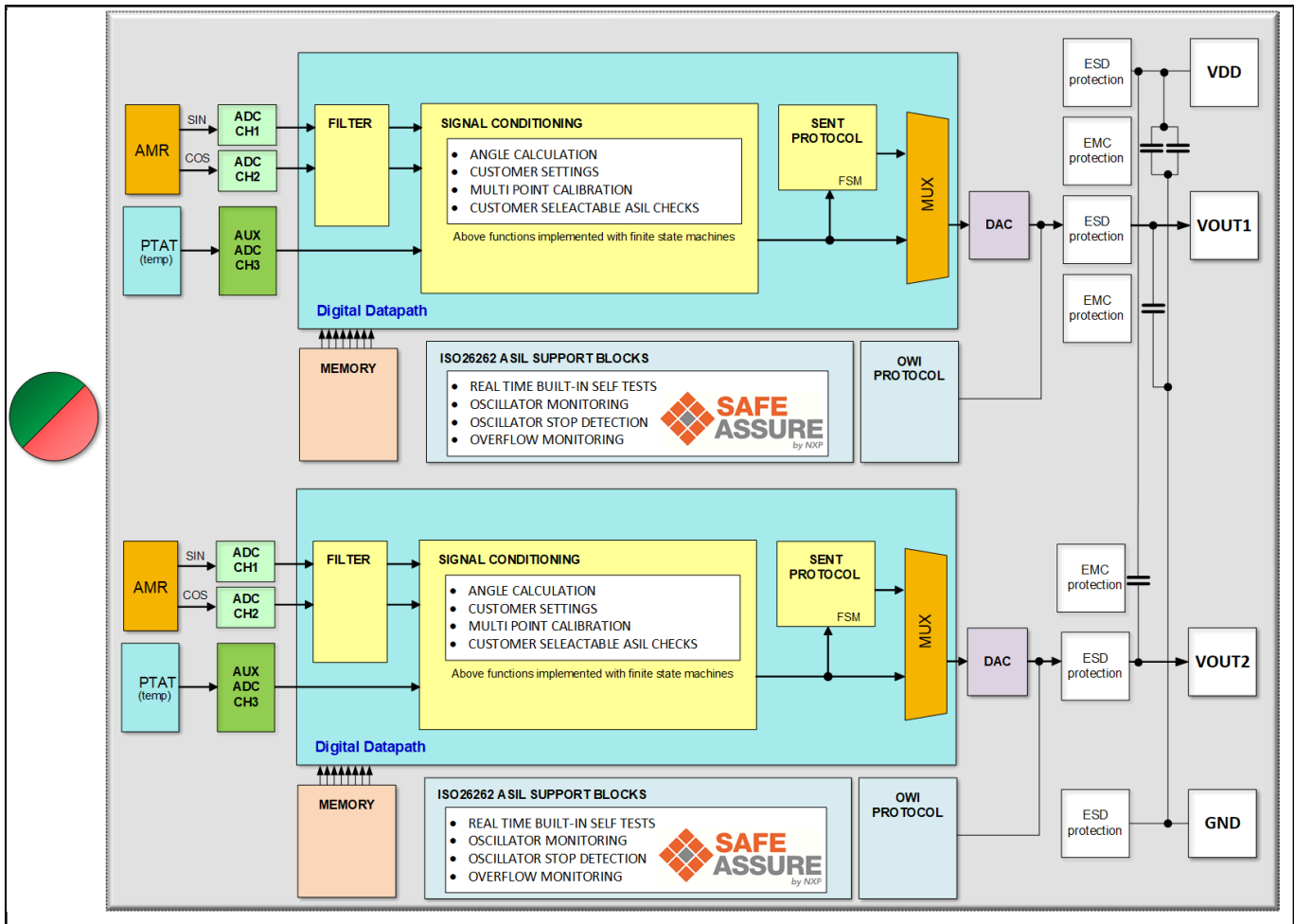
The sensor is developed to ISO26262, and fulfills ASIL B(Analog) or ASIL C(SENT)

For additional information and sample availability, contact your local [NXP® Sales Office](#) or [NXP Authorized Distributor](#).

KMA310 / KMA321 Block Diagram Block Diagram



KMA320 Block Diagram Block Diagram



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